



17 Feb 1967

## The Missouri Miner, February 17, 1967

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# Annual Tradition in 37th Year

"Read all about the proposed St. Pat's Board in this issue and be prepared to vote on it Thursday, December 11, at Parker Hall." This announcement was taken from a December 9, 1930, issue of the Missouri Miner.

On Thursday, December 11, the student body voted on and adopted the St. Pat's Board by a three-to-one majority, the most important student body vote in the history of MSM. This vote marked the beginning of the St. Pat's celebration as we know it today. It was not to be a mediocre party weekend, but a well organized, well financed celebration, managed by an experienced group.

The St. Pat's Board of 1930-31 not only raised enough money that year to finance St. Pat's, but made over 600 dollars, thus removing any doubts about the success and future of the St. Pat's Board.

Money made that year was obtained by the St. Pat's Board by

various means, some of which are continued to this day. One of their first efforts to raise money was a raffle, the main prize being ten dollars in cash, kindly donated by friendly Rolla merchants. Other prizes ranged from a bottle of cough syrup to a pair of Bostonian shoes. School spirit must have been great in these days to get fifty cents for those raffle tickets.

Wednesday night, January 21, the newly formed St. Pat's Board held their first benefit show. "The Passion Flower," starring Kay Johnson, Kay Francis, and Charles Bickford was shown at the Lyric Theater and the proceeds were shared with the St. Pat's Board. A bridge tournament and benefit dance rapidly followed to add to the increase in funds.

That St. Pat's celebration exceeded all former occasions of its kind and laid the foundation for

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## Blue Key Elects Hoffmeister As Man of Month for January

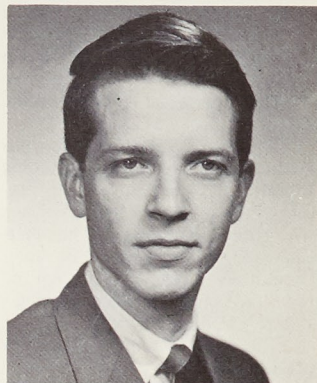
Blue Key's selection for the January Man of the Month is David Hoffmeister. Dave, who hails from Jackson, Missouri, majored in Chemical Engineering and graduated in January.

Dave has compiled a distinguishable record while being at UMR and his organizations have all prospered by his enthusiasm and leadership. His activities included president, pledgemaster, and corresponding secretary of Pi Kappa Alpha, business manager, classes editor, and sports editor of the Rollamo, Blue Key, vice-president of the American Institute of Chemical Engineers, treasurer of

the Interfraternity Council, vice-president, treasurer, and secretary of the American Institute of Aeronautics and Astronautics, and a Curator's Award. He was also honored by being elected twice to Who's Who Among Students in American Universities and Colleges.

Dave has recently started working for Swift Company in Chicago.

In view of his achievements, anyone can easily see that Dave is a true leader and a dedicated worker. A salute to Dave Hoffmeister - Blue Key's January Man of the Month.



DAVID HOFFMEISTER

## Military Ball Chooses Jackie Rogers as Queen

The twenty-eighth Annual Military Ball was held on Saturday night, February 11, at the National Guard Armory with a capacity crowd in attendance.

The Drifters, a well known musical organization composed of UMR students, provided the mu-

The Military Ball, as always, proved to be an outstanding social event attended by both the military and non-military students on the UMR Campus. The members of the Corps of Cadets of all classes, attended the ball in their uniforms, adding to the significance



### CORONATION OF QUEEN

Major General Thomas Lipscomb, Commanding General at Fort Leonard Wood, crowns the 28th annual Military Ball Queen, Miss Jackie Rogers, a UMR freshman from St. James, Missouri.

sical stylings of many of the popular "big name" bands with a variety of arrangements fulfilling every one's dancing pleasure.

of the occasion.

The Military Ball ceremonies began with the announcement of

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# The Missouri MINER

UNIVERSITY OF MISSOURI AT ROLLA

VOLUME 53

THE MISSOURI MINER

NUMBER 17

## President Proclaims Next Week To Be National Engineers' Week

President Lyndon B. Johnson has proclaimed the week of February 19-25 as National Engineers' Week, and it will be celebrated throughout the United States. This proclamation calls attention to the fact that the engineering profession is dedicated to the service of mankind and to the utilization of our physical resources to the greatest good of all.

Helping to celebrate this week on the local scene are the Rolla Chapter of the Missouri Society of Professional Engineers and the UMR Student Chapter of the National Society of Professional Engineers. A series of radio pro-

grams and individual speeches will be one feature of the week's activities. The UMR Student Chapter has a membership of 140 students and holds nine meetings during the school year featuring prominent speakers from industry, law, and government.

Engineer's Week, sponsored annually by the National Society of Professional Engineers and its affiliate state and local societies, directs public attentions to the accomplishments of the engineering profession. The week is set aside also to impress upon the engineer himself the great obligation of his profession in meeting the recognized scientific and technological challenges of today.

The NSPE is dedicated to the protection and the promotion of the profession of engineering as a social and economic influence vital to the affairs of men and of the United States. It is composed of more than 65,000 professional engineers in all technical branches who are registered to practice engineering in accordance with the laws of their states and territories.

The National Society was founded in 1934 on the concept that every engineer has two distinct interests. First and foremost, he is a member of the engineering profession and as such has a common interest with every

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## UMR-MIT of the Midwest ?

BY JIM McKELVEY



Jim McKelvey

Being a Midwestern engineering student attending this university, one can often wonder why on the economic and business pages of the big news media of the country such as Time, Newsweek, and U.S. News and World Report, little mention is made of the fine engineering universities and colleges in our area. The headlines are constantly packed with achievements of men who have attended one of New England's Big Three - Harvard, Yale, and Massachusetts Institute of Technology. New England today is the leading center of scientific and engineering accomplishments in the country and this is due largely to what is often referred to as the "brain trust" of excellent technicians, economists, and businessmen working in that area from those institutions named above.

Of these three universities, the one which would interest us most would be MIT, which has been the mecca of science and industry for many years. MIT is a university completely built around science and technology. Because of its pioneering work in electronics, it was selected as the site of the Government's World War II research laboratory that perfected radar. This university also led the way in government projects on guidance systems and fire-control techniques. Today, the university is heavily engaged in guidance systems for missiles such as Polaris and Apollo moon vehicle. In 1949, when the Soviet Union employed its first nuclear bomb, the Federal Government called on MIT to develop an intercontinental defense system. As a result, a strip of small firms, research institutions, laboratories, and huge industries have developed along Route 128, a highway that encircles the Boston area. MIT has grown to be the largest computer-research center in the world attracting top scientific and engineering talent from all over the world.

To date, MIT's influence on the surrounding met-

ropolitan area is gargantuan. There are some 574 firms along Route 128, employing 60,000 of the area residents. Most of these firms are related to some research project undertaken by MIT or service the university directly. The area has become known as the Golden Semicircle boasting more Ph.D's per acre than any other locality in the world. MIT has offered more challenge and more incentive to the New England area than any other single factor. The area has reaped its benefits, has fortified itself industrially and has sought to repay MIT with as much support as possible in the area of research grants, fellowships, co-op programs. MIT graduates, in turn, more often than not choose the "Golden Semicircle" to live in, work in, and rub elbows with some of the best scientific minds in the world.

In view of these facts, can we not parallel UMR to MIT? How does Interstate 44 from St. Louis to Rolla sound as the most likely place for such a booming community-university relationship to grow. Let

(Continued on Page 5)



## SU Annual Recognition Banquet Honors Students and Faculty

The annual Student Union Awards Banquet was held Tuesday night in the ballroom of the Student Union. The purpose of the banquet was to give recognition to those students who, during the course of the past year, had worked for the Union either as a committee member, committee chairman, or as a member of the Board.

The awards presentation was begun by Tom Leslie, outgoing president of the Board, who presented the committee chairmen with the certificates of membership for the members of their committees. He then recognized the members of last spring's Board for their service.

Tom then introduced the new president of the Student Union Board, Mike Woodruff. Mike presented the members of last year's Board with certificates and gifts in recognition of their service. Those receiving awards were: Tom Leslie, Ron Winkler, Doyle Powell, Howard Stine, Mike Clayton, Charlie Rowan, Larry Scott, and Ed Schmidt.

Mike went on to introduce the new members of the Board. They are: Mike Clayton, vice president; Clem Drag, secretary; William Gremard, treasurer; the new committee chairmen are: Bob Fick, Literary and Music; Ken Westray, Publicity; Bob Choun, recreation; Glen Larsen, Social; and Ted Warren, Special Events.

The guest speaker was Thomas Eagleton, Lt. Governor of Mis-



RECOGNITION BANQUET

Lt. Governor Thomas Eagleton speaking at Student Union annual recognition banquet.

souri. In his speech Mr. Eagleton spoke of the rapidly accelerating rate of the growth of knowledge. He stated that the purpose of college was not merely the acquisition of knowledge, but also that the student must translate his knowledge into action. He stressed the idea that it's not so

important what you do while you're in college, the significant things are those you do after you graduate. Finally he said that everyone has an obligation of service to the public, and that service in such organizations as the Student Union is an invaluable preparation for public service.

## Campus Talent Sought At Missouri Colleges

Another statewide television special "Campus Talent '67" is in production.

Tryouts for the show, which will star performers from Missouri colleges, will be held for University of Missouri at Rolla students the evening of March 3. As Rolla has had three winning groups in the two previous Campus Talent programs, all Miners are urged to audition. To sign up, or to obtain more information, call Miss Sharon Grayson, Public Information Office, 364-3454 or 364-5496.

The program, to be presented this spring, is the third in the series in this state, sponsored by Southwestern Bell Telephone Co. and produced by Corinthian Special Productions, Houston. Selected talent will be filmed on video tape on the UMR campus several weeks after auditions. Those chosen to perform will be paid a professional fee.

Singers, dancers, musicians, variety or specialty acts, such as monologists, gymnasts, magicians, are invited to audition. Students are asked to provide their own accompaniment. A public address system and turntable will be available for dancers or those needing to have records played. Only one number will be needed.

UMR groups which have ap-

## Johnson Proclaims Engineers' Week During February

(Continued From Page 2)

other member of the engineering profession in professional, social, economic, and ethical fields. Second, he has been trained and his work usually involves, one particular branch of the profession, establishing a community of interest and a need for organization in that particular branch. Since its founding, the National Society has grown steadily and now has more than 500 local chapters in the 50 states, Puerto Rico, the District of Columbia, and the Canal Zone.

The National Society, at each of its levels of operation, (local, state, and national), serves the engineering profession, industry, and the public. It has actively promoted effective state registration laws for professional engineers to safeguard the public. It maintains continuing liaison with legislators and government agencies to represent the interests of the engineering profession, and to protect the public safety by setting rigid standards for professional competence and ethical practices.

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Sun., Mon. Feb. 19-20  
Sunday Continuous from 1 p.m.  
'Cast a Giant Shadow'  
Kirk Douglas & Senta Berger

Tues., Wed., Thurs. Feb. 21-23  
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## Theta Tau Sponsors "Ugly Man" Contest For March of Dimes

The UMR chapter of Theta Tau professional engineering fraternity has officially started the annual "Ugly Man" contest for March of Dimes. This contest has been one of the main projects of Theta Tau for seven years and has, during this time, netted several thousand dollars for this worthy cause.

Representatives of the various campus organizations choose their "Ugly Man" representative, with the winner of the contest being determined by the amount of money he collects. Last year Theta Chi took home the three foot trophy by collecting \$509.84. It is hoped that this will be the biggest year yet, but it can only be done through student participation.



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# Fourth Annual Rifle Match To Be Held on UMR Campus

Twenty-one teams from ten colleges and universities will compete in the Fourth Annual Intercollegiate Sectional Rifle Match to be held at the UMR Rifle Range on Friday, Saturday and Sunday, February 17-19. Match firing will be conducted from 7:30 A.M. to 9:30 P.M. each day.

The teams and team members will be competing for a total of 9 trophies, 5 team trophies and 4 individual trophies. The major prize of the match is a perpetual trophy which has been established by the Rolla Chamber of Commerce for the first place team. Kansas University presently holds this trophy. The trophy is engraved with the name of the winning team each year and will serve as a challenge for competitors in the future years. This trophy also identifies the strong cooperation of the Rolla community with the

development of sportsmanship and competitive spirit at UMR through the intercollegiate rifle match.

The National Rifle Association will provide a trophy for the first place team. This trophy is awarded to and remains permanently with the winning team. The Athletic Department of UMR, has established a perpetual trophy for the second place team. The National Rifle Association will award a trophy for the first place individual shooter.

The Military Department awards trophies to the high individual ROTC firer, high woman shooter, high women's team, second high individual shooter, and third place team.

In addition to the trophies, medals will be awarded to members of the first five teams and first

five individuals in each category.

The Intercollegiate Sectional Rifle Match at UMR is sponsored jointly by the Athletic Department and the Military Department. Professor Gale Bullman is Athletic Director; Colonel David L. Gundling is Professor of Military Science.

Colonel David L. Gundling, Professor of Military Science at UMR, will serve as Director for the match. Major Robert Laychak and Major Paul P. Chapman of the Military Department will be Chief Range Officer and Chief Statistician, respectively for the match. MSG William Merideth will be Match Coordinator.

## St. Pat's Board Members Work to Improve Weekend

(Continued From Page 1)

the St. Pat's celebration as we know it today.

The preceding paragraphs tell the story of the beginning of the St. Pat's Board and the beginning of the annual celebration. The St. Pat's Board now in office strives hard to maintain the standards set by the first Board and all the previous Boards since then, and works to improve the celebration.

The amount of work that goes into the preparation of the St. Pat's party weekend is staggering. Every member of the Board has a job assigned to him. The following committees take care

of the preparation for the weekend: publicity, dance and band, special events, hats, buttons, decorations, costumes, sweatshirts, queens, float and parade, and movies. These committees meet and plan throughout the year to organize the tasks they are assigned to complete. They strive to determine better procedures to carry out their responsibilities and add new ideas and entertainment to make the St. Pat's celebration bigger and better every year. The regular Board meetings every other week bring all the members together, and their efforts and ideas are pooled and coordinated toward the ultimate goal: a better St. Pat's.

## Military Ball Coronation

(Continued From Page 1)

members of the faculty selected for associate membership in the Scabbard and Blade Honorary Military Fraternity. Dr. Thomas Fawcett, Chairman of the Mechanical Engineering Department, Professor Raymond Pendergrass, Director of Student Aids and Awards and Commander of the 1438th National Guard Engineer Company and Major Robert Laychak were "tapped in" by the traditional placement of the sword on their shoulders by Cadet Captain Thomas E. Hays followed by the pinning on of pledge ribbons by Cadet Captain Lynn E. Meinershagen.

Two color guards entered the ballroom as the name of the newly appointed Cadet Brigade Commander was announced. Chancellor Merl Baker then presented the ROTC Colors to the new Commander, Cadet Colonel Michael S. Clayton, signifying his official assumption of command.

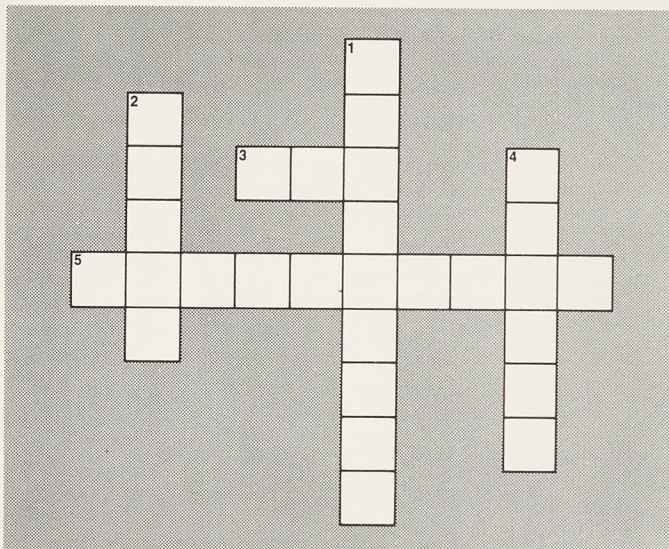
The climaxing event of the ceremonies was the crowning of the Military Ball Queen, Miss Jackie Rogers, by Major General Thomas Lipscomb, Commanding General of Fort Leonard Wood. Miss Ro-

gers was sponsored by the Pershing Rifles and escorted by Mr. Richard Baumann, executive officer of the Pershing Rifles and Mechanical Engineering senior. Members of the Queen's court and sponsoring organizations were Barbara Lee Dickson, Beta Sigma Psi; Diana Hays, Lambda Chi Alpha; Lenore Kelly, the Fifty-Niners Club; Sharyn Leighton, Sigma Phi Epsilon; Cheryl Lemp; Kappa Sigma; Elaine Pearson, the Men's Residence Hall Association; Susan Reese, Kappa Alpha; Carolyn Robbins, Alpha Phi Alpha; Laura Thomas, Sigma Nu; Paula Trumper, Phi Kappa Theta; and Judith Wagner, the Engineer's Club.

The Queen received her crown and robe while seated on her throne in a giant replica of the UMR class ring with members of her court standing on each side. The dance floor was reserved for the Queen, her court and their escorts as the traditional Queen's waltz was played.

Colonel and Mrs. David L. Gundling and members of the staff of the Military Science Department and their wives were hosts to the many distinguished guests attending the colorful ceremonies.

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ANSWERS ON PAGE 5

If you filled in the puzzle correctly, you've probably guessed we're in the business of guiding vehicles. If it floats, crawls, flies or orbits, chances are we're at work on a guidance, navigation or control system for it.

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CAMPUS INTERVIEWS

Friday, March 3, 1967



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# Miner Editorials, Letters, and Features



## Miner Salutes Pioneering Breed During National Engineers Week

This edition of the *Miner* is dedicated to National Engineers' Week and to the 800,000 men and women in the United States who have

selected professional engineering as their life work.

The profession of engineering is now undergoing the most dras-

tic revolution in purpose, responsibility, and character that has occurred since its existence as a profession. In one sense, from its beginning until now, the profession of engineering is going through a cycle. It has progressed from the single engineer who did any job which was needed to an extreme degree of specialization. It is now on the verge of returning to the generalist.

Historically, the learned professions were law, medicine, and theology. The practitioners of these professions and more recently the professional engineers, were scholars who maintained themselves knowledgeable beyond that of the non-professional to the end that through such knowledge, they could serve their fellow man.

More recently, the sheer quantity of knowledge has made the distinguishing characteristic of the professional to be his ability to acquire the applicable information and to put it in the context of the problem at hand, rather than to draw primarily from his own personal fund of knowledge. What lawyer could perform without a law library and the court records? His knowledge of the framework of the law facilitates his process of finding pertinent information for the case at hand. The modern professional is more characterized by his ability to acquire the appropriate knowledge than to have that knowledge. In this modern concept of the professional, the most demanding profession is engineer-

(Continued on Page 6)

## Our Man Hoppe

To round out my book, "Strange Native Customs in Washington & Other Savage Lands," I have journeyed to Texas to observe a weird annual rite called "Making a Budget."

The ritual begins late each November when the principal chief of the Washington natives, usually referred to as "The Man," "El Supremo," or just plain "Him," secludes himself in a heavily guarded structure far out in the Texas hinterlands to perform the mystic ceremonies required to "Make a Budget."

The Budget is one of the most important deities in the Washington religion. The natives believe that the Budget dies each June 30 and must be reincarnated by Him in a new and different form.

This Him does by calling in various Washington Tribal chiefs one by one and, it is believed, slashing them mercilessly. They then emerge with a wan smile to announce they are "completely satisfied." And on no account must they show pain.

Meanwhile, all the other natives gather around, jump up and down and devote full time to unlocking the most treasured secret of the whole secret rite: "How big will the new Budget be?"

\* \* \*

The size of the Budget is measured in the basic unit of the native currency, "the billion dollar." (It has no known conversion factor to real money.) Thus the natives spend all of December forecasting how many billion dollars the Budget will be. This they do with the aid of sheep entrails, tea leaves and constant misleading hints from Him himself.

For an essential part of the ritual is that Him comes out of seclusion each day or so to announce gravely the progress of his secret ceremonies. He does so, unfortunately, in a cabalistic tongue virtually unintelligible to the outsider.

Samples of the sacred words employed include "add-ons," "stretch-outs," "set-asides," "off-sets," "cut-backs" and "recession" — though the last is rarely used, apparently because it has no hyphen. Incantations are also muttered to "Fiscal Sixty-seven," "GNP" and something called "National Income Accounts." But nobody knows what that is.

Each pronouncement by Him is pounced upon, analyzed, biop-sided and cross-hatched. Then more predictions are joyously made.

Out of pride, Him tries each year to convince all that he will produce a bigger Budget than he actually can. And few forget his triumph several years ago in causing all to predict a budget "well above 100 Billion (a magic figure), which turned out, when unveiled, to be only a puny 97.7 Billion.

Since then, however, his skill has improved with experience. And one can be sure he takes even greater pride in the knowledge that he has managed to produce a bigger Budget every year.

\* \* \*

Some anthropologists profess to see no meaning in the entire ritual. But one must recall the wrath and invective heaped in the past on any Budget unveiled, no matter what its shape or size.

Thus the purpose of these long, complex rites becomes abundantly clear: By the time Him unveils the Budget in January — after all these weeks of facts, hints, figures, guesses and daily prognostications — everyone will be too exhausted to give a hang how big it is, one way or another.

**MINER**  
The Missouri  
UNIVERSITY OF MISSOURI AT ROLLA

THE MISSOURI MINER is the official publication of the students of the University of Missouri at Rolla. It is published at Rolla, Mo., every Friday during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879.

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## UMR Going to Pot?

BY JOHN TENFELDER

While walking to school last week, I flipped my cigarette into Pine Street and a fellow in a UMR sweatshirt dove out of the bushes after it. Being kind-hearted, I went back and offered him a whole one.

"No thanks, I don't smoke."

"But you just dove out of the bushes after my cigarette."

"Oh I'll dive out of the bushes after almost anything."

"Who are you trying to kid? You must be one of those FBI undercover agents trying to catch the pot smokers of UMR."

"Alas, you've found me out, now I'll be recalled to Washington and given a desk job if I don't find some pot smokers."

"Don't take it so hard, I'm sure you'll be able to catch someone here smoking pot, after all you caught them at George U. last week."

"Oh I hope so, I just love the publicity."

"Yes, I can just imagine the radio report 'Joe Miner and John Doe, students at UMR, were arrested by FBI agents today on a narcotics charge. The two students were arrested while smoking marijuana in the Chem lab.' Lab instructor C. J. Mihn had this to say: 'I think something funny about them, I mean the way they all the time open window and fly home in green cloud and all.' The FBI was tipped off by the manager of Oppo Hardware when the pair purchased large amounts of plant fertilizer and assorted garden tools. Later he said, 'Well you can imagine how surprised I was when these two Miners want to know what helps grass and flowers grow. Miners growing flowers? Hah! So right off I was suspicious and I called the FBI. Miners and flowers? Oh, brother!' The FBI found a small patch of marijuana growing by the railroad tracks in Schuman Park, and early today destroyed the patch by fire. Unfortunately a sudden gust of wind carried the fire across the tracks and the FBI also destroyed everything between Bardsley and City Limits Drive. We'll have that story later. The agent in charge, Mr. Bush Diver, was quoted as saying 'sorry about that.'"

"I would have said more than that though. I always give the listeners a few tips on how to spot the pot smokers and in my views on why pot is illegal."

"There has been quite a bit of discussion about that. Why is marijuana harmful and therefore illegal?"

"Well since I'm an undercover agent I have to smoke pot almost daily in order to get into a ring and break it up. Pot gets you high like booze but you don't lose your physical ability to do normal functions like walk, talk, and fly. It soon becomes a habit and all you want to do is stay high on the stuff. At this point you are already a useless human being because you can't hold down a job; then you look for bigger thrills, find heroin and eventually become a vegetable."

"Like Ulysses' men in the land of the Lotus-Eaters?"

"Exactly, well I have to go look inconspicuous somewhere else now."

I wished him luck as he flew down Pine Street in his late model camouflaged green cloud.

## Ribicoff Introduces Tax Relief Bill

Senator Abraham Ribicoff (D-Conn) has recently introduced his bill to give tax relief to parents and students who pay the costs of a college education.

The proposal provides an income tax credit of up to \$325 on the first \$1,500 of tuition, fees, books, and supplies. It would go to anyone who pays these expenses for a student at an institution of higher education.

The measure this year has picked up strong support; it is co-sponsored by 46 Senators from both political parties and from all sections of the country.

It is the same as that Ribicoff has introduced in previous Congresses with one exception: An amendment would include cov-

erage for students in accredited post-secondary business, trade, technical and other vocational schools.

Senator Ribicoff pointed out that under his proposal over two-thirds of the benefits would go to families earning less than \$10,000 a year.

In a statement on the Senate floor, Senator Ribicoff said:

"Now we must decide if, as a nation, we are to treat education costs as we do the interest on a home mortgage, or flood damage, or health expenses. This proposal is for the average family in America. It is for the people who

constitute the backbone of America — the blue collar workers, the white collar workers, the wage earners and salaried persons of the lower and middle income group who are struggling to pay their bills, buy their homes, and educate their children. They work hard for their wages or salary — and it is all taxable."

Such tax relief is needed and will be needed, he explained, because the costs of going to college continue to increase. "Ben Franklin could experiment with a kite and key, but today's universities require atomic accelerators, mass spectrometers, and other sophisticated equipment."

### New Official UMR Class Rings

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## Regional Support Needed To Advance UMR Prestige

(Continued From Page 1)

is to examine a few similarities and comparisons between UMR and MIT:

- 1) Both have common heritage as Land Grant engineering schools
- 2) MIT has developed into greatness because of the support which it has received from the region it serves
- 3) UMR has been starved for support since its founding, yet produced 533 B.S. graduates in 1965 compared to 438 at MIT.
- 4) Both have specialized missions for science and industry
- 5) Both are within 100 miles of huge metropolitan areas: MIT-Boston — UMR-St. Louis

## UMR Russian Club To Sponsor Film On Famous Novel

The UMR Russian Club is sponsoring the movie, *WAR AND PEACE*, at the Uptown Theatre on Saturday, February 18th, at 1:30 p.m. The film is an American production, and it is in technicolor. It is a full-length 2½ hour movie.

Since *WAR AND PEACE* is considered to be one of the all-time great novels, the Russian Club encourages the faculty to attend and to recommend the movie to the students.

Tickets may be purchased from the members of the Russian Club, from Dr. Law (sponsor), or from Dorothy or Mary (secretaries of the Humanities Dept.). The price of a ticket is \$1.00.

It may amaze one to know that there are now approximately 1800 alumni living in the St. Louis area. Almost forty per cent of the present student body lives in this area. Over one-half of 280 students in the co-op program work in the St. Louis area for such companies as Alton Box Board, Ford, McDonnell, Monsanto, Shell Oil, Wagner Electric, Granite City Steel with McDonnell Aircraft alone having 118 coop students. The St. Louis Graduate Engineering Center, which offers master degree work in seven fields, now has over 300 master's candidates, with 500 expected by 1970.

UMR has continued to grow and prosper. It has the nation's largest civil and metallurgical engineering departments. Mining ranks second, mechanical fifth, chemical sixth, and electrical engineering fifteenth. UMR is the largest technical institution west of the Mississippi. UMR will continue to serve the St. Louis metropolitan area. However, if it is to become the MIT of the Midwest that it is often likened to, it must have greater support from the area industry and greater cooperation. The handwriting is on the wall: UMR can do for the St. Louis area what MIT has done for Boston but this can only be accomplished by rapidly expanding the university will reap its benefits. The potential is definitely present but yet in an embryonic state. If a brain trust of sorts could develop in this area and industries attracted to Interstate 44, then someday it might be possible to pick up an engineering journal, a *Time*, a *Newsweek* and read about significant accomplishments in science and industry in the St. Louis area not to be continuously overshadowed by gains made back east.

## Various Activities Scheduled For National Engineers' Week

The UMR Student Chapter of NSPE and the Rolla Chapter of NSPE are cooperating to sponsor a number of activities during National Engineers' Week. Among these activities will be a dinner held on the evening of February 24 in Thomas Jefferson Residence Hall at 7:30 p.m. Students, members of the Rolla Chapter of MSPE, and members of the Chamber of Commerce will attend. The Student Chapter of NSPE and the Rolla Chapter of MSPE will also cooperate in the presentation on an engineering display in the Rolla Public Library.

On February 20, Herb Schroer, President of the Rolla Chapter of MSPE, Professor Jerry Bayless, President-elect for the coming year, will appear on Radio Station KTTR's *Hot Line* program at 10

A.M. A similar program is scheduled for Thursday, February 23, on KMSM-FM, the student radio station.

Representatives from the UMR Student Chapter of NSPE, the faculty and administration, and the Rolla Chapter of MSPE will also attend the *Missouri Engineering Day* in Jefferson City on February 18. Featured on that evening's program will be the presentation of *The Engineering Wonder in Missouri Awards* by Mel Monsees, President of MSPE. Dr. John C. Weaver, President of the University of Missouri,

will be the featured speaker of the evening. Dr. Curtis L. Wilson, Dean Emeritus of the University of Missouri at Rolla, will serve as the master of ceremonies at the evening's banquet.

Other activities of the week will include small displays in many downtown Rolla stores and talks to service clubs in other areas, such as Springfield and Joplin. Students interested in attending the dinner at Thomas Jefferson on the 24th should contact Professor Jerry Bayless, in the Civil Engineering Department.

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### NOTICE!

Applications are now being accepted for the honor of Blue Key Man of the Month for the spring semester. Applications are at the Blue Key mailbox next to the Student Union candy counter and will be accepted until February 27, 1967.

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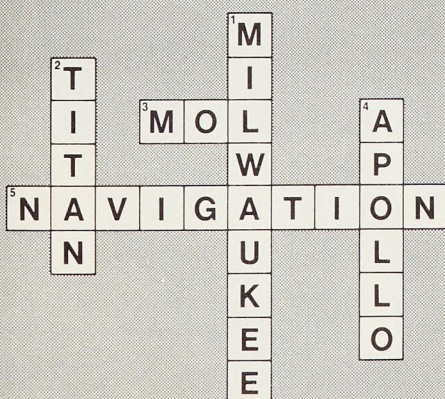
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## Professional Engineers Given National Acclaim

(Continued From Page 4)

ing. Unlike his fellow professional, the engineer is faced with the exploding technology and the increasing complexities of the society into which he must fit his works.

It must be recognized that the central attribute of a learned professional is responsibility, not for a segmented detail of the total problem, but for an effective solution of that problem. This means that in the profession of engineering the days are past when each specialist can withdraw into his specialty and become a servant of someone else's grand design. Rather, the professional engineer must assume the initiative in helping to solve problems which, in the past, have been shrugged off as political, economical, social, or as headaches for the business man or the government. Instead of letting others come to him to design new patches for old pants, the professional engineer should help bring to bear new knowledge to provide new trousers, new approaches and solution.

The successful engineer must prepare himself for this future. In the past, upon graduation a stu-

dent felt that he had completed his learning process, except possibly for further knowledge in a specific narrow specialty. Today, the student must acquire the ability to learn new things, and pay more attention to the development of that capacity than to the mere acquiring of information or the skill in solving particular classes of problems. The graduate who is armed with this ability will certainly be able to meet both his ambitions and those of society.



### "FAIL SAFE"

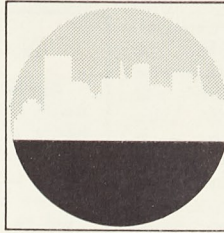
Dealing with the theme of accidental atomic war, Fail Safe is a suspenseful satire done in deadly seriousness. The stark realism is enhanced by the fact that almost all of the electric drama takes place in three frightening closed locations: The Pentagon War Room, the S. A. C. War Room, and the White House Bomb Shelter. Dynamic, meaningful, dramatic entertainment. Fail Safe will be shown Sunday, Feb. 19 at 2:30, 5:00, 7:30 in the Student Union Ballroom.



The Montfort Brothers, as they appeared at the Cellar Door Coffee House, entertain over Military Ball Weekend. Having recently made a successful, state-wide television appearance, they drew large crowds at their performances.

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## ACU Tournament Ranks UMR Champs High in Honors

On February 10-11, the Student Union Board sent the winners of their bowling, billiards, table tennis, and chess tournaments to the Association of College Unions International Region XI Tournament at Warrensburg.

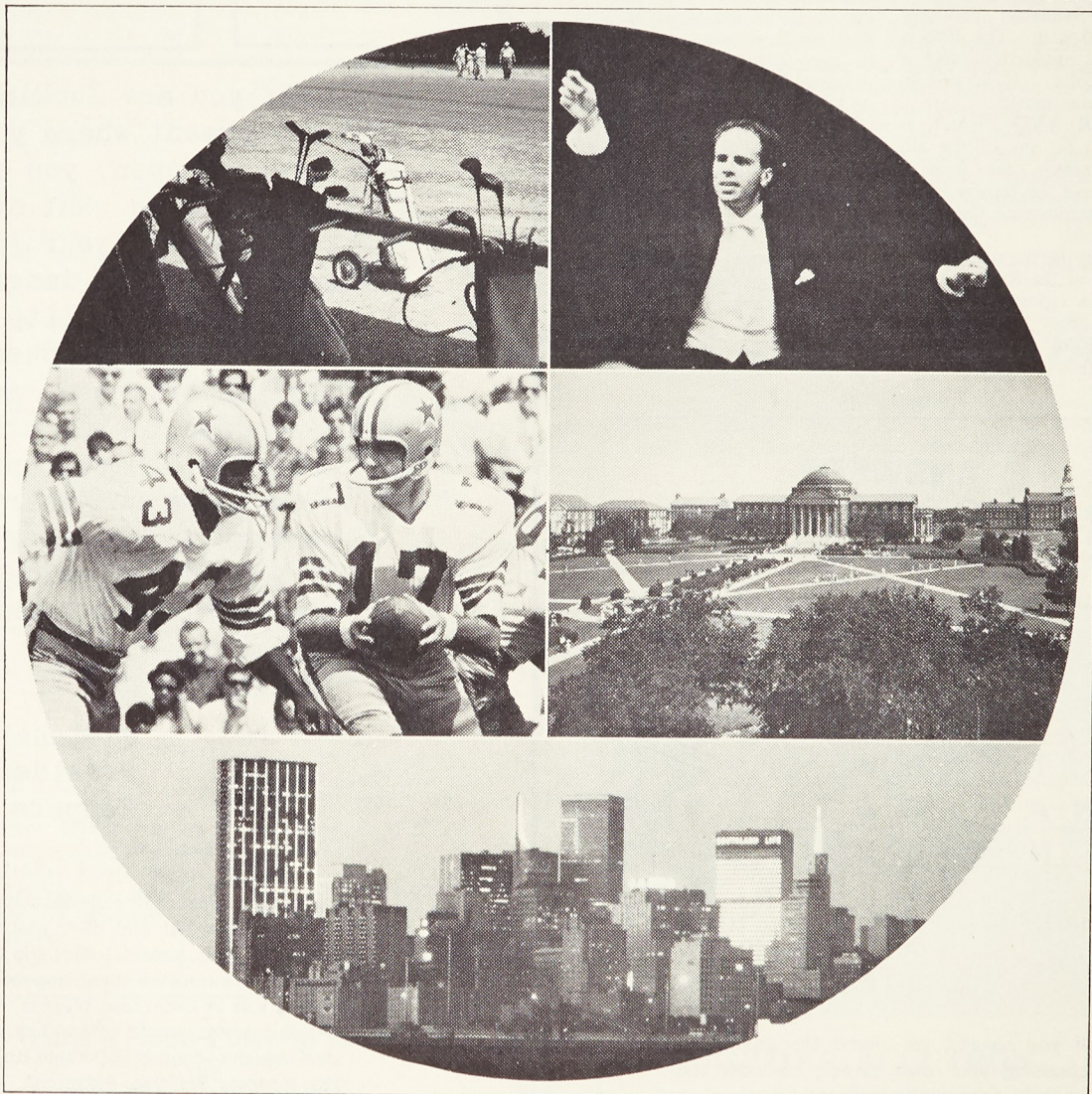
The bowling team of Ken Shuey, Dennis Kruep, Chip Jozwiak, Terry Broccard, and Larry Schoeneck took second place out of sixteen competing teams. The doubles bowling team also took second out of 40 teams present and Nick Uriwski won third place in the chess competition.

## Basic Electricity To Be Offered As Short Course

UMR will offer a short course in basic electricity starting March 16. The course is sponsored by the department of electrical engineering and the Extension Division.

Study is designed to offer a basic knowledge in electricity, with flexibility to meet the needs of individual students.

Classes of two and one half hours each will meet one night a week at 7:30 in Room 101 of the Electrical Engineering Building. The course will include 25 instruction hours. Registration fee, which includes the textbook, "Fundamentals of Electricity," is \$33. For registration or information, contact the U.M.R. Extension Division, 501 West 11th Street, or call 364-3417.



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## Campus Interviews

WEDNESDAY, MARCH 1



# MINER SPORTS

FRIDAY, FEBRUARY 17, 1967

THE MISSOURI MINER

PAGE 7

## Split With McKendree and Cape Evens Mark at 9-Wins, 9-Losses

### Indians Down UMR Cagers 78-73

The Southeast Missouri State Indians dealt their second defeat of the season to the Missouri Miners last Saturday night at Touck Field House in Cape Girardeau, 78-73. UMR's loss gives them a three-win, five-loss mark for the season, with two league games remaining. Cape Girardeau was almost assured second place with the victory.

Saturday's game was much closer than the final score indicates, as have been most of this season's conference contests. A tip-and-tuck first half found the Miners with a two-point advantage at halftime.

#### UMR Leads at Half

Leading 46-44 at the start of the second period, UMR soon began to fall short. Then with six minutes remaining in the game, the Miners tied the score at 64-64.

Two quick Cape field goals put the Indians in the lead once again 8-64, and Charles Parsley's boys went into stalling tactics. With one minute to go, the Miners, now trailing by three, got control of the ball on a Cape talking violation but lost it in a similar situation. The Indians scored to set the final score at 8-73.

Junior guard Charles Bertrand totaled 24 for the victors on 12

MISSOURI MINERS (73)					
Name	FG	FT	PF	TPs	
Head	5	2	3	12	
Piepho	4	1	3	9	
Lewis	2	0	4	4	
Andrew	3	3	3	9	
Vessell	7	7	3	21	
Borgmeyer	5	1	3	11	
Windish	1	1	0	3	
Brown	2	0	2	4	



FEBRUARY 21-24

## Tau Kappa Epsilon Defends Intramural Mat Title Next Week

By Lloyd J. Lazarus

The National Guard Armory, located on Fairgrounds Road in Rolla, will be the scene of the 1967 Intramural Wrestling Tournament on February 21-24. Tau Kappa Epsilon will attempt to retain the crown they won last year with a record total of 50 points. Tech Club won the runner-up title with 40 points.

Each match will be made up of three, two-minute periods. Points will be awarded as follows: Take Down, 2; Escape, 1; Reversal, 2; Near Fall, 3; Predicament, 2; Time advantage, 1 point for one full minute or more or net accumulated time in the advantage position.

A near fall is a situation in which the offensive wrestler has control of his opponent in a pinning combination with both shoulders or the scapular area held continuously within two inches (three finger widths) of the mat for two full seconds. When these provisions are complied with, two points shall be awarded for a near fall.



Wrestler executes a take-down.

In situations where the above provisions are complied with and both shoulders or scapula area are held in continuous contact with the mat for one full second, three points shall be awarded for the near fall.

A predicament is a situation in which the offensive wrestler has control of his opponent in a pinning combination and a fall is imminent. When both shoulders of the defensive wrestler are held in contact with the mat for too short a time to award a near fall, a predicament shall be scored.

When both shoulders of the defensive wrestler are held continuously within approximately four

inches of the mat, or less, but not sufficiently close to award a



Intramural wrestlers have been practicing at Holtman Hall.

near fall, (for the full two seconds or more), a predicament

shall be scored. When one shoulder of the defensive wrestler is touching the mat, and the other shoulder is held within an angle of 45 degrees or less with the mat, but not sufficiently close to award a near fall, for two seconds or more, a predicament shall be scored.

Points for the team championship are awarded 1 point for each entrant who competes, 1 point for each match won, three points for a runner-up, and five points for a winner.

Matches will begin at 5:30 p.m., starting next Tuesday, February 21, and continuing through Friday, February 24.

The final weigh-in for all participating wrestlers will be held Monday, February 20, from 8 a.m. to 5:30 p.m. Weigh-ins will be held at the UMR Athletic Office in the training room.

### INTRAMURAL VOLLEYBALL SCHEDULE

FEBRUARY 20, 27, 28, MARCH 1

Time	February 20	February 27	February 28	March 1
5:30	Sig Tau Gamma Theta Xi Alpha Ep Pi	Delta Tau Del.	Fifty-Niners Acacia	Tech Club BSU
6:30	Sigma Pi Phi Beta Iota	Shamrock Club MRHA	Delta Sig Psi Wesley	Lambda Chi Al. Campus Club
7:30	Engineers Club T. Jefferson	Triangle Prospectors	Sig Tau Gam Delta Tau Del.	Sigma Nu Alpha Ep Pi
8:30	Pi Kap Alpha Acacia	Kappa Alpha Alpha Phi Al.	Sigma Pi MRHA	Phi Kap Theta Phi Beta Iota
9:30	Sig Phi Ep Wesley	Kappa Sigma Tau Kap Ep	Engineers Club Prospectors	Beta Sigma Psi T. Jefferson

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## SIDELINES

BY JIM WEINEL



The University of Missouri at Rolla Athletic Program has missed varsity swimming for the past two years, due of course, to the lack of swimming facilities. In addition to the loss of varsity swimming is another program which greatly benefited many students. This would be the Water Safety Course normally offered by the UMR Athletic Department. The Water Safety Course, a part of the National Red Cross Water Safety Program, is the final phase of the Red Cross's teaching program. It is designed to teach individuals the basic instructional methods for teaching swimming and lifesaving.

The course had been conducted here under the direction of UMR Head Swimming Coach Burr Van Nostrand, and was well received by those interested students. Up until the axe fell, Coach Van Nostrand had trained over 200 WSI's in this part of the Red Cross's objective to make "every American a swimmer, and every swimmer a lifesaver."

Although official baseball practice has yet to begin, the first game of the season has been scheduled for Monday, March 27. Buena Vista College will visit UMR in a home contest. The Miner Nine will host the following two games also, as Missouri Valley College stops by on March 29, and Harris Teachers College on Saturday, April 1. Following an organizational meeting, varsity practice should begin within the next two weeks.

Address questions and comments to "Sidelines," c/o THE MISSOURI MINER, UMR, Rolla, Missouri.

### Engineers:

## Meet Boeing

### Campus Interviews Thursday and Friday February 23 and 24

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### Allgood Speaks to Oklahoma Alumni

Dewey Allgood, head football coach at UMR was the speaker at a meeting of the Bartlesville, Okla., section of the MSM Alumni Association, U.M.R., at 6 p.m. Thursday, Feb. 9, in the Walnut Room of the Holiday Inn.

Allgood discussed plans for the new athletic program and showed films of athletic activities of the past year.

Allgood, who joined the U.M.R. staff in 1950, has been head football coach since 1964.

Arrangements were under the direction of Herbert Volz, president of the Bartlesville U.M.R. alumni group.